VEJVALKA, J., Dr.

Functional restoration of the forefinger. Acta chir. orthop. traum. cech. 23 no.4:211-213 July 56.

1. Klinika plasticke chirurgie v Praze, Prednosta akademik F. Burian.
(AMPUTATION STUMPS,
funct. restoration of forefinger (Cz))

VEJVALKA, J.

Surgery of the hand, reconstruction of the tendon, derotation osteotomy of the finger (A case report). Acta chir. orthop. trauma. Cech. 28 no.4:297-301 Ag '61.

1. Klinika plasticke chirurgie lekar. fakulty hygien. v Praze, prednosta akademik F. Burian.
(HAND)

VEJVALKA, J.; VRABEC, R.

Transosseous fixation of the bone graft to the matrix. (A chapter in hand surgery). Acta chir. orthop. traum. cech. 31 no.6:518-522 D'64

1. Klinika plastické chirurgie lékařské fakulty hygienické Karlovy University v Praze (přednosta prof. dr. V.Karfík).

SKOBIS, Vlastimil; VEJVODA, Jiri

Plan of technical justification of standards and continuous standard revision. Prace mzda 12 no.5:207-212 My '64.

1. Sdruzeni presnych strojiren National Enterprise, Letnany (for Skobis). 2. Center of Mechanical Engineering Work Study, Prague (for Vejvoda).

VEJVODA, A. - Kridla Vlasti No. 13, June 1955

Caravan of gliders at Slany. p.293

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

VEJVODA, A.

"How We Trained our Club Members", P. 461, (KRIDLA VLASTI, Vol. 4, No. 20, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

Z/037/62/000/005-6/009/049
E140/E562

AUTHOR: Vejvodová, J.

TITLE: Ion bunding in an omegatron

PERIODICAL: Československý časopis pro fysiku, no.5-6, 1962, 490-496

TEXT: On the basis of the theory of the two-dimensional omegatron it is demonstrated that bunching of resonant ions takes place in the omegatron. The bunching zone rotates with a corresponding cyclotron frequency, which results in rectangular periodic pulsations of the collector current. The non-resonant ions of masses near to the resonant ones after having left the bunching zone do not strike the collector simultaneously with the resonant ones. This improves the natural resolving power of the device. These results show that the intrinsic resolution of the omegatron is greater than usually considered (C. E. Berry: J.Appl.Phys.25, 1953, 28). There are 4 figures.

ASSOCIATION: Katedra elektroniky a vakuové fysiky Karlovy university, Praha (Department of Electronics and Vacuum Physics, Charles University, Prague)

Card 1/1

HONC, Oldrich; VEJVODA, Jiri

Organization of the work of foremen in production management.
Prace mzda 12 no.1:18-25 Ja '64.

1. Ministerstvo vseobecneho strojirenstvi (for Honc).
2. Centralni stredisko studia prace pro strojirenske odvetvi (for Vejvoda).

HRBEK, M.; KOSINA, F.; VEJVODA, M.

5 cases of hemolytic jaundice in the same family. Cas. lek. cesk. 102 no.17:451-454 26 Ap '63.

1. Chirurgicke odd. KUNZ v Usti n. L., vedouci MUDr. J. Rodling Infekcni odd. KUNZ v Usti n. L., vedouci MUDr. Zd. Kolouch Ustredni laboratore OUNZ v Usti n. L., vedouci MUDr. M. Vejvoda.
(JAUNDICE) (GENETICS, HUMAN) (SPLENECTOMY)
(DIAGNOSIS, DIFFERENTIAL) (THERAPEUTICS) (HEMOLYSIS)

Vejvoda, Otto. The stability of solutions of a system of differential equations in the complex domain. Časopis Pěst. Mat. 82 (1957), 137–159. (Czech. Russian and English summaries)

Es wird die Stabilität der trivialen Lösung des Systems

$$\frac{dz_j}{dt} = \sum_{k=1}^{n} c_{jk}z_k + Z_j(t, z_1, \cdots, z_n) \quad (j = 1, \cdots, n)$$

untersucht. Dabei sind z_j komplexe Funktionen der reellen Veränderlichen t, c_{jk} komplexe Konstanten, und Z_j komplexe Funktionen, die gewisse Bedingungen erfüllen. Mit dieser Frage hat sich schon Perron [Math. Z. 29 (1928), 129–160] beschäftigt. Der Verfasser wendet die zweite Liapounoffsche Methode an um erstens von neuem die Sätze aus der Theorie der ersten Annäherung zu beweisen, zweitens kritische Fälle, und zwar den Fall einer Nullwurzel und einer rein imaginären Wurzel, zu untersuchen.

M. Zlámal (Brno)

VEJVODA, O.

Stability of integrals in the system of differential equations in the complex domain.

p. 137 (CASOPIS PRO PESTOVANI MATEMATIKY) Vol. 82, no. 2, May 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

16.3400

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S/044/62/000/004/030/099
C111/C444

AUTHOR: Vejvoda, Otto.

TITLE: On the periodic solution of a quasilinear non-autonomous system

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 40, abstract 4B176. (Chekhosl. mat. zh., 1961, 11, no. 1, 62 - 75)

TEXT: Considered is the real quasi-linear system

$$\underline{x}d/dt = A\underline{x} + \varepsilon \underline{f}(t, \underline{x}; \varepsilon), \qquad (1)$$

where $\underline{x} = (x_1, \ldots, x_n)$ and $\underline{f}(t, \underline{x}, \varepsilon)$ are n-dimensional vectors, A being a constant nXn matrix and ε a small parameter, and where $\underline{f}(t, \underline{x}, \varepsilon)$ is 2π-periodic with respect to t, satisfying certain conditions of continuity and differentiability. One investigates conditions for the existence of a 2π-periodic solution $\underline{x} = \underline{x}(t, \varepsilon)$ of the system (1) in the critical case where the matrix A possesses purely imaginary characteristic numbers $p\sqrt{-1}$ (p being an integer) and therefore the generating system

$$d\underline{y}/dt = A\underline{y} \qquad (2)$$

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On the periodic solution of a...

possesses non-trivial periodic solutions.
Theorem 1.1.: Let the system (2) have the 2π-periodic solution $y(t) = e^{tA}\underline{c}(0)$ with the well-known properties, and let $\underline{f}(t, \underline{x}, \varepsilon) \in C^{0,1,0}$ be in a certain neighborhood of this solution. Then one is effectively able to determine a number ε^* such that (1) admits a unique, 2π-periodic solution $\underline{x}(t, \varepsilon)$ for $0 < \varepsilon < \varepsilon^*$ which for $\varepsilon \to +0$ converges to $\underline{y}(t)$. In the theorem 1.2. one improves the estimation of the number ε^* under the more severe supposition $\underline{f}(t, \underline{x}, \varepsilon) \in C^{0,1L,0L}$, ($f \in C^{kL}$, $k = 0, 1$, means that the k-th derivative with respect to the concerned variable satisfies the Lipschitz condition with an invariable constant). In theorem 3.1 non-local sufficient conditions for the existence of a periodic solution of system (1) are given.

The paper of the author improves a number of well-known results of A. A. Kruming, A. Ye. Gel'man, Yu. A. Ryabov, D. C. Lewis and others. Bibliography with 9 titles.

[Abstracter's note: Complete translation.]

Card 2/2

VEJVODA, V.

New television receivers and radio phonograph sets produced by TESLA in Strasnice.

P. 828. (SLABOPROUDY OBZOR) (Praha, Czechoslovakia) Vol. 18, no. 12, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

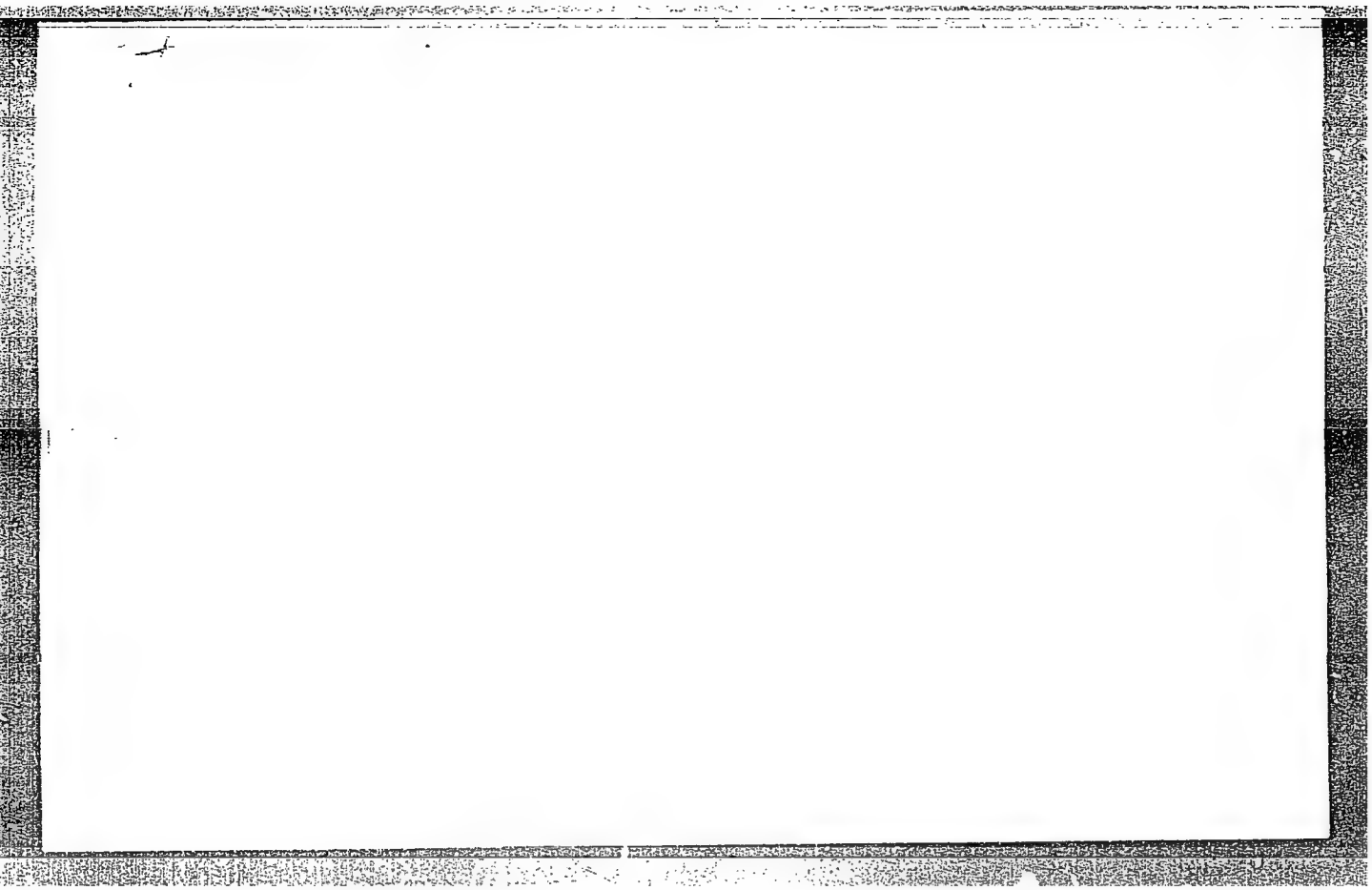
VEJVODOVA, J.

Ion bunching in an omegatron. Cs cas fys 12 no.5/6:490-496 '62.

1. Katedra elektroniky a vakuove fyziky, Karlova universita, Praha.

ECKERTOVA, L.; VEJVODOVA, J.; MALAT, Vl.

Symposium on the electron and vacuum physics in Hungary. Slaboproudy obzor 24 no.2:Suppl.:Literatura 24 no.2:122-123 '63.



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859230007-6"

VEJVODOVA, L.

VOTAVA, Z.; RASKOVA, H.; VEJVODOVA, L.; VITKOVA, M.

Effect of methylisothiourea on respiration. Bio. listy 31 no.1:30-35 27 May 50. (CLML 19:4)

1. Of the Institute for Research and Controls SPOFA and of the Pharmacological Institute of Charles University.

VEJVODOVA, L.

VOTAVA, Z.; VEJVODOVA, L.

Effect of BAL on acute and chronic poisoning with arsenic and mercury. Cas.lek.cesk. 89 no.18:514-517 5 My '50. (CIML 19:3)

1. Of the Pharmacological Department VKU SPOFA and Pharmacological Institute of Charles University.

VEJVOKOVA, Jirina

Category : CZECHOSLOVAKIA/Electronics - Photoeffect. Electron and Ion Emission H-2

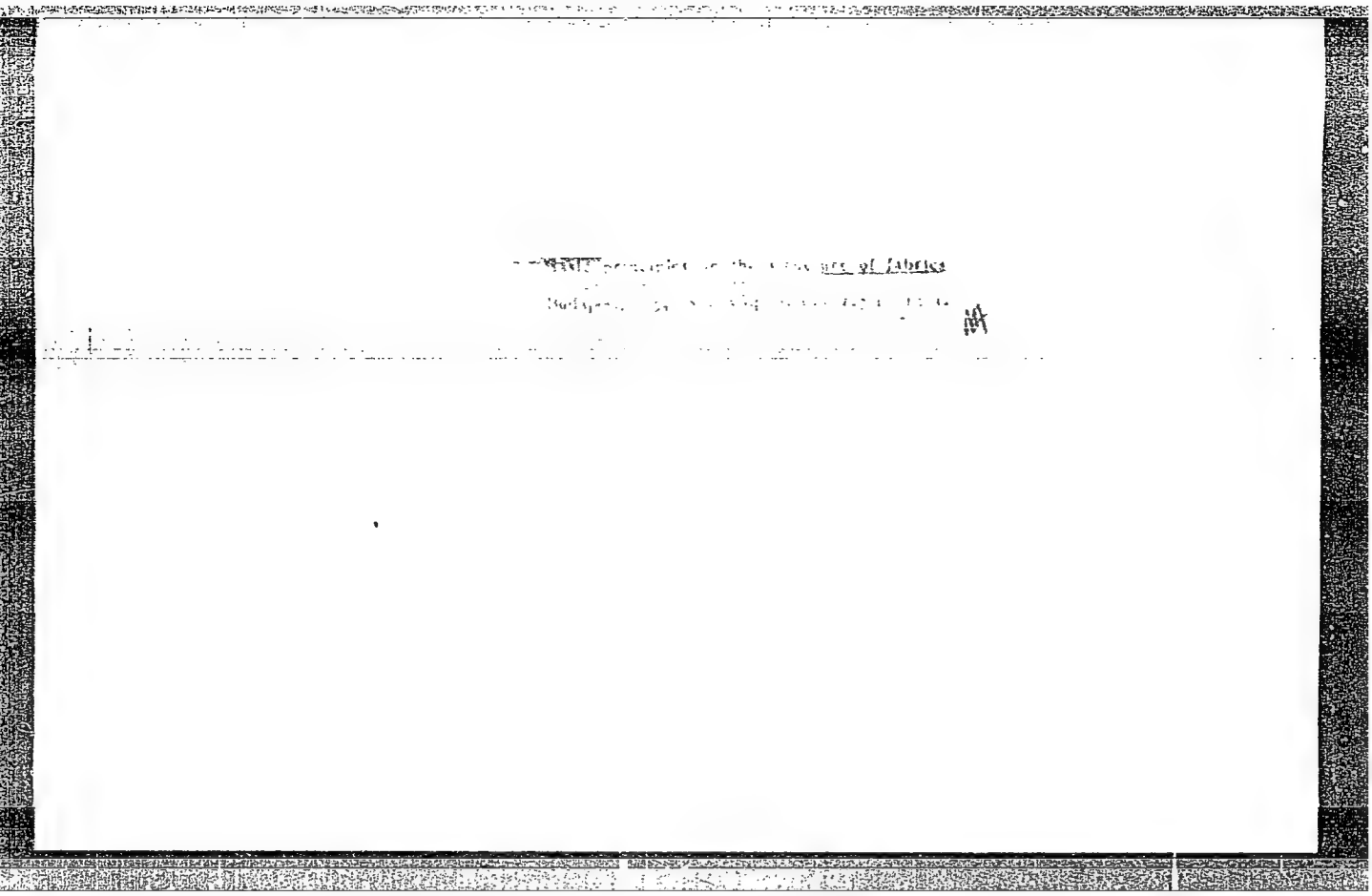
Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4271

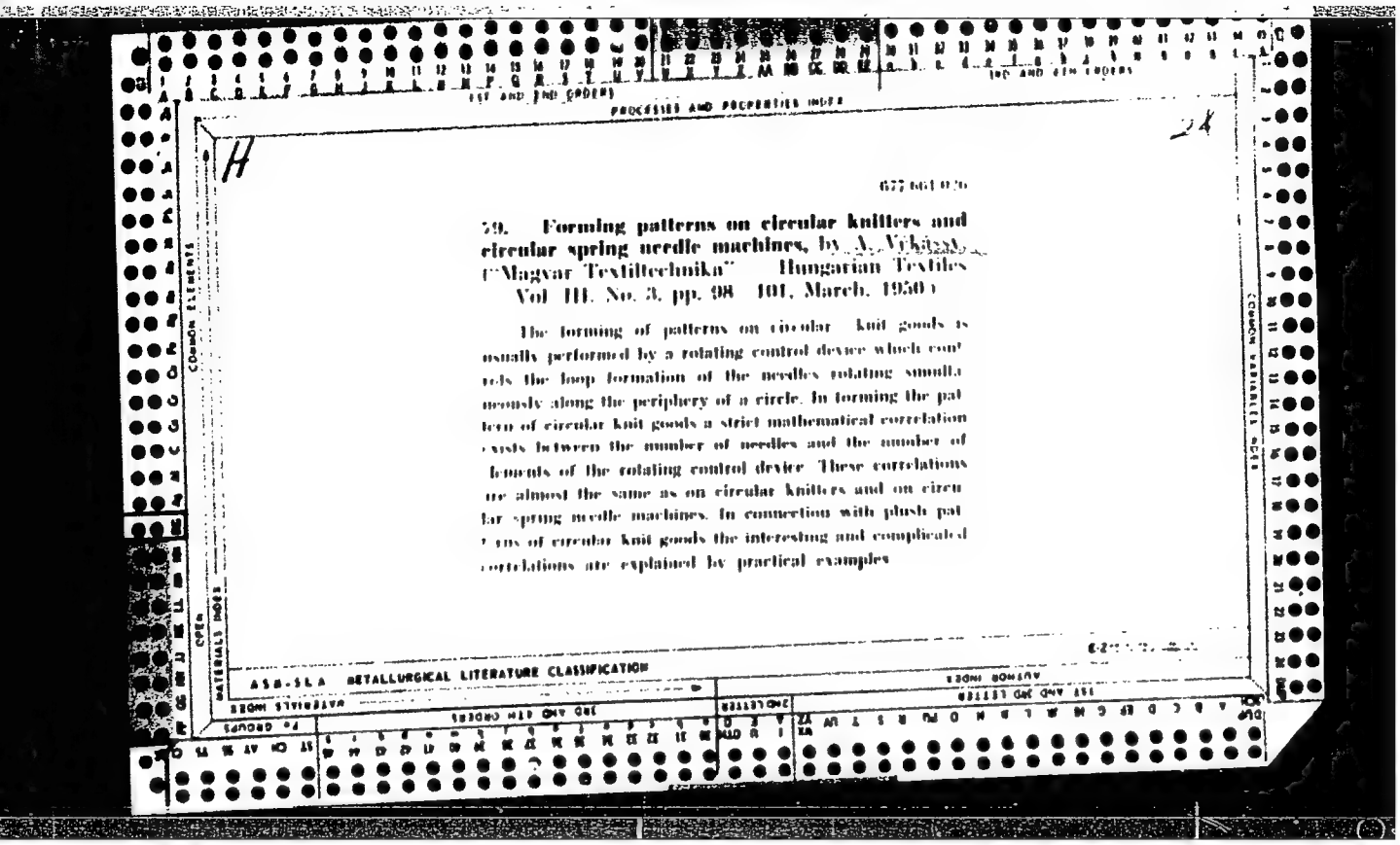
Author : Eckertova, Ludmila; Vejvokova, Jirina
Inst : Mathematical-Physical Faculty of the Charles University in Prague Czechoslovakia.
Title : Concerning the Theory of Secondary Electron Emission

Orig Pub : Ceskosl. casop. fys., 1956, 6, No 3, 365-366

Abstract : An equation is derived for the dependence of the coefficient of secondary emission on the energy of the primary electrons. The calculated dependence is confirmed experimentally. Bibliography, 6 titles.

Card : 1/1





677.661.02.05

59. Forming patterns on circular knitters and circular spring needle machines, by A. Vrkits. ("Magyar Textiltechnika" Hungarian Textiles Vol III. No. 3. pp. 98 101, March. 1950.)

The forming of patterns on circular knit goods is usually performed by a rotating control device which controls the loop formation of the needles rotating simultaneously along the periphery of a circle. In forming the pattern of circular knit goods a strict mathematical correlation exists between the number of needles and the number of elements of the rotating control device. These correlations are almost the same as on circular knitters and on circular spring needle machines. In connection with plush patterns of circular knit goods the interesting and complicated correlations are explained by practical examples.

VEJVODA, O.

A note on Ladislav Rust's article "Effect of the properties of a source of the alternating force on oscillations of mechanical systems." In Russian. p. 451

APLIKACE MATEMATIKY. (Ceskoslovenska akademie ved. Matematicky ustav) Praha, Czechoslovakia, Vol. 3, no. 6, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959 Uncl.

VEJVODA, O.

Evaluation of the inaccuracy in the Runge-Kutt formula. p.1.
(APLIKACE MATEMATIKY, Vol. 2, no. 1, 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, 1957, December. Incl.

VEJVODA, Otto

Periodic solutions of a linear and weakly nonlinear wave equation in one dimension. Pt.1. Chekhosl mat zhurnal 14 no.3:341-382 '64.

1. Institute of Mathematics, Czechoslovak Academy of Sciences, Prague 1, Zitna 25.

VEJVODA, Otto

"The theory of ordinary differential equations" by J.C. Burkill. Reviewed by Otto Vejvoda. Aplikace mat 8 no.2:158 '63.

83394

Z/037/60/000/005/042/056
E192/E382

9,3140

AUTHOR: Vejvodová, Jiřina

TITLE: The Influence of the Transition Region of a Magnetic Field on Turbulent Electron Beams

PERIODICAL: Československý časopis pro fysiku, 1960, No. 5, pp. 480 - 483

TEXT: The turbulence effects in the electron beams focused by means of a longitudinal magnetic field were demonstrated experimentally by Harker (Ref. 1) and Ashkin (Ref. 2). These authors gave a satisfactory explanation of the turbulence under the assumption that the space charge in the region beyond the anode aperture was compensated and that a laminary flow existed in the cathode region. Further, it was assumed that at the entry of the beam into the magnetic field, the axial component attains its maximum value in a stepwise manner. However, in reality the axial component of the magnetic field attains its maximum in the transition region. It was therefore thought necessary to investigate the influence of the transition region on the behaviour of the electron beam. For the purpose of analysis it is assumed that the axial component increases

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The Influence of the Transition Region of a Magnetic Field on Turbulent Electron Beams

linearly in the transition region, i.e. $B_z = B_o z/a$,

where a is the length of the transition region and B_o is the final value of the magnetic field in the homogeneous region. The radial component of the magnetic field is thus given by:

$$B_r = - B_o \frac{r}{2a} \quad \text{for} \quad 0 < z < a \ .$$

The equations of motion for an electron in the transition region are:

$$\ddot{r} = - \alpha^2 r z^2 \qquad (1a)$$

$$\ddot{z} = - \alpha^2 z r^2 \qquad (1b)$$

$$\dot{\varphi} = \alpha z \qquad (1c)$$

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where $\alpha = eB_o/m2a$. If the condition of Eq. (3) is met (where R is the radius of the beam), the first approximation for Eq. (1a) can be written as Eq. (4). The solution of this is given by Eq. (5), where J are Bessel functions. From Eq. (5) it follows that the paths of the electrons in the transition region do not intersect. In order to obtain the second approximation for the trajectories in the transition region, Eq. (5) is substituted into Eq. (1b) and a solution for z is found; the energy equation is then integrated and r is determined. The resulting equation is approximately given by Eq. (7). If the radial velocity of the electrons is zero, Eq. (7) can be written as Eq. (9) so that the expression for r is in the form of Eq. (10). This is further simplified to Eq. (10') if the condition of Eq. (3) is fulfilled. By examining Eq. (10') it is seen that again the electrons do not

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intersect. From the above it is concluded that the turbulence phenomena in the beam in the homogeneous region of the magnetic field do in fact behave in the manner suggested by Harker and Ashkin (Refs. 1 and 2).
There are 1 table and 2 English references.

ASSOCIATION: Katedra elektroniky a vakuové fysiky matematicko-fysikální fakulty KU, Praha
(Chair of Electronics and Vacuum Physics of the Mathematical-Physical Faculty of Charles University)

Card 4/4

VEK, V.

Automatic equipment of airplanes. p. 306

LETECKY OBZOR. (Minesterstvo deprovy) Praha, Czechoslovakia, Vol. 3, no. 3, Oct. 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2, Feb. 1960

Uncl.

VEK, V.

Recuperative machines. p. 686.

STROJIRENSTVI. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1, Jan, 1960

Uncl.

VEK, V.

Remote control of piston compressors. p. 335.

AUTOMATIZACE. Praha, Czechoslovakia. Vol. 2, no. 11, Nov. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

Vekassy, A.

Work-time need for sewing machines. p.365

MAGYAR TEXTILTECHNIKA. (Textilipari Muszaki es Tudomanyos Egyesulet)
Budapest, Hungary. Vol.11, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

VEKASSY, A., dr. prof.

Relation between the physical and mechanical characteristics and the knitting structure. Ind text Rum 15 no. 1:30-35 Ja '64.

1. Budapest Polytechnic Institute.

VEKASSY, Alajos, tanszekvezeto egyetemi docens

On the reform curricula of training textile engineers. Magy textil 15 no.3:139-141 Mr '63.

VEKASSY, Alajos, egyetemi tanar

Testing the mechanical characteristics of knit goods. Magy textil 15 no.9:418-423 S '63.

1. Budapesti Muszaki Egyetem Textiltechnologia es Konnyuipari Tanszeke.

VEKASSY, A.

Examination of the cover factor and specific weight of weft-knitted or looped basis texture based on the exact value of the loop length. Acta techn Hung 31 no.1/2:69-102 '60. (EEAI 10:3)
(Hosiery)

VEKASSY, Alajos, dr.; HAVAS, Ivanne; LAZAR, Karoly

Manufacturing inaccuracies of fine stocking knitters as causes for yarn defects. Magy textil 17 no.3:131-134 Mr '65.

1. Budapest Technical University.

VEKASSY, Alajos, dr.

Testing the [illegible] of [illegible] by the fatigue-testing method. [illegible]

BARANY, Istvan; VERASSY, Lajos, dr.

Weft system knitting machines at the 4th Hannover Exhibition of Textile Machines. Magy textil 16 no. 5:225-231 My '64.

VEKUA, I. N.

Singulyarnyye integral'nyye uravneniya. M. - L., GTTI (1946)

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.
Markushevich, A. I.
Rashevskiy, P. K.
Moscow, Leningrad, 1948

VEKENT'EV, B.

Kara Kalpak - Moving - Picture Projection

Film stock wasted at Kara Kalpak, Kinomekhanik No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

VEKENT'EV, R.

Moving-picture Projection - Karakalpak

Film stock wasted at Kara Kalpak Kinomekhanik no. 12, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

VEKENT'YEV, R., starshiy kinomekhanik kinoteatra "Avrora" (Muynak, Kara-Kalpakskaya ASSR).

Fixing the feed sprocket spring in the SKP-26 automatic magazine reel. Kinomekhanik no.9:31 S '53. (MLRA 6:9)
(Moving-picture projectors)

VEKENY, Henrik, okleveles banyamernok; GYURKO, Istvan, okleveles vegyeszmernok

Investigating the degree of dust control in case of wet boring of rocks. Bany lap 95 no.11:716-722 N '62.

1. Pecsi Szenbanyaszati Troszt Kutatasi Osztalya, Pecs.

VEKENY, Henrik, okleveles banyamernok

The session of the Committee on Silicosis of the Ministry of Heavy Industry and the conference on silicosis at Pecs. Bany lap 96 no.1:67-68 Ja '63.

VEKENY, Henrik, okleveles banyamernok

An account on a conference dealing with dust danger in mining.
Bany lap 97 no.11:795-796 N '64.

VEKENY, Henrik, okleveles banyamernok

Fight for liquidating silicosis danger in coal mining.
Term tud kozl 7 no.9:411-413 S '63.

1. Pecsi Szenbanyaszti Troszt Kutatasi Osztalya, Pecs.

VEKENY, Henrik

Technical possibilities for preventing dust danger in mining.
Munkavedelem 10 no.1/3:10-15 '64.

1. Research Division, Mecsek Coal Mining Trust.

EMBER, Kalman, dr., okleveles banyamernok; VEKENY, Henrik, okleveles banyamernok

Dust measuring system in Hungarian mines; tasks of its development and the achievements obtained on the basis of dust measuring data. Bany lap 97 no. 2:87-92 F '64.

VEKENY, Henrik, okleveles banyamernok

Coal face wetting in the Pecs coal mines. Bany lap 95 no.12:794-799 D '62.

1. Pecsi Szenbanyaszati Troszt, Kutatasi Osztaly, Pecs.

VEKERDI L.

FEUER, G.; VEKERDI, L.

In vivo formation of thyroid hormones as studies by means of KI^{131}.
Acta physiol. hung. 13 no.4:301-308 1958.

1. Biochemical Institute of the Hungarian Academy of Sciences and Department of Pathology, National Oncological Institute, Budapest.

(THYROID GLAND, hormones
form. in vivo in rats, study with radioiodine-labeled potassium iodide)

(IODIDES, metabolism
potassium iodide in form. of thyroid gland hormones in rats in vivo)

VEKERDI, L.

Asymmetry of the antigen-antibody reaction. Acta physiol. hung. 8 no. 1:91-95 1955.

1. 2nd Department of Medicine, University Medical School, Debrecen.
(Received October 27, 1954)
(ANTIGENS AND ANTIBODIES,
asymmetry of antigen-antibody reaction)

VEKERDI, Laszlo, konyvtaros

"Professor Istvan Hatvani (1718-1786) and the beginnings of statistics in Hungary" by Robert Horvath. Reviewed by Laszlo Vekerdi. Magy tud 71 no. 4:269-271 Ap '64.

1. Research Institute of Mathematics, Hungarian Academy of Sciences.

VEKERDI, Laszlo

Discovery of pre-Euclidean mathematics. Mat kozl MTA 13 no.2:133-150 '63.

2357. **Asymmetry of the antigen-antibody reaction.** L. Vekerdi. *Acta physiol. Acad. Sci. hung.*, 1955, 8. 91—95.—Anti-horse serum precipitin and horse serum antigen were adsorbed on 20% suspensions of glass powder then the sediment of the suspension was used in agglutination tests. Adsorbed antibody lost its antigen binding capacity, while adsorbed antigen retained its power to combine with antibody. The effect is independent of the chemical composition and surface charge of the adsorbing surface. (Hungarian)

A. B. L. Bernák.

VEKERDI, Laszlo

Infinitesimal methods in the mathematics of Pascal. Mat kozl MTA 13 no.3:269-285 '63.

VEKERDI, L.; HARASZTI, A.; GERECZE, G.; SIMONYI, A.

Accumulation of polonium in rat organs and tumour tissue. Acta morph. hung. 3 no.3:297-304 1953. (CLML 25:5)

1. Of the Department of Pathological Anatomy and Histology (Director--Prof. B. Kellner, M.D. of Debrecen University and of the Institute of Experimental Physics (Director--Prof. S. Szalay, M.D.) of the Kossuth Lajos University in Debrecen.

VEKERDI, Laszlo

Genesis of the Newtonian infinitesimal analysis in the light of the 20th-century books on the history of mathematics. Mat kozl MTA 14 no. 1:35-70 '64.

VEKERDI, Laszlo

The infinitesimal method of Descartes for computing cycloid areas. Mat lapok 15 no.1/3:196-203 '64

VEKERDI, Laszlo

Infinite series and fluxions. Mat kozl MTA 14 no.4:423-441 '64.

VEKERDI, Laszlo, konyvtaros

Notes on Galilei's mechanics. Magy tud 71 no.10:609-623 O '64.

1. Research Institute of Mathematics, Hungarian Academy of Sciences, Budapest.

VEKERDI, Laszlo.

Effect of biuret on immunochemical systems. Kiserletes orvostud. 7 no.1:87-91 Jan 55.

1. Debreceni Orvostudomanyi Egyetem II. sz. Belklinikaja.

(UREA, derivatives
biuret, eff. on horseserum- rabbit-antihorse serum system)
(IMMUNE SERUMS
horse serum - rabbit anti horse serum system, eff. of biuret)

LEVENDEL, Laszlo, dr.; ABRAHAM, Ambrus, dr.; FOLDES, Istvan, dr.; VEKERDI, Laszlo, dr.; MEDVECZKY, Endre

Comparative neurohistological and radioautographical examinations on allergic reactions caused by radioiodine-labeled tuberculin. Tuberkulozis 13 no.9:259-261 S '60.

1. Az Orszagos Koranyi Tbc Intezet (ig.: Boszormenyi Miklos dr. kandidatus, tudomanyos ig.: foldes Istvan dr. kandidatus), a szegedi Tudomanyegyetem Altalanos Allatani es Biologiai Intezete (ig.: Abraham Ambrus dr. akademikus, egyetemi tanar) es az Onkopathologiai Kutato Intezet (ig.: Kellner Bela dr. akademikus) kozlemenye

(TUBERCULIN REACTION exper.)
(NERVOUS SYSTEM pathol.)

VEKERDI, LASZLO

(5)

Chemical Abst.
Vol. 48
Apr. 10, 1954
Biological Chemistry

Accumulation of polonium in rat organs and tumor tissue. László Vekerdi, Antal Haraszti, Gabriella Gerecze, and Agnes Simonyi (Med. Univ., Debrecen). *Acta Morphol. Acad. Sci. Hung.* 3, 297–304(1953).—Polonium chloride in gelatin was injected intravenously or intraperitoneally into young adult rats in doses of 0.02–0.03 mc. Frozen sections of all organs were prepd. and α-ray emissions were detd. from autographs. The amt. of Po in the liver was const. from 15 min. to 24 hrs. after its administration, then it decreased. The Po in the kidney was about $^1/_3$ that in the liver and remained const. from 15 min. to 48 hrs. The radioactivity in the lungs, spleen, and lymph nodes was considerably lower. The activity in the intestine was initially quite low but increased 300–400% after several weeks. Distribution within organs was not uniform except in the lungs; Po was concd. in the liver in the peripheral areas of the lobules, in the proximal convoluted tubules of the kidney, and in the pulp of the spleen. The effect of Guerin's carcinoma, transplanted into rats 3, 11, 14, and 21 days prior to Po injection, was also detd. In the 3-day tumors, accumulation of Po was less than in liver, kidney, and spleen. Eleven and 14-day tumors collected more Po than surrounding tissue but less than liver. Animals with older tumors accumulated less Po in the liver than in the tumor. Hemorrhagic necrotic foci of a tumor showed an increased accumulation of Po. Fresh and healing wounds showed high Po activity. P. L. Harris

FORGACS, Peter; VEKERDI, Laszlo, L.; REVICZKY, Alice; FEUER, György; SZANTO, Laszlo

Studies on pituitary effects on thyroid incorporation of I^{131}. Kiserletes Orvostudomany 11 no.6:586-591 D '59.

1. Orszagos Onkologiai Intezet Onkopathologiai Kutato Intezete es Orszagos Reuma- es Fürdougyi Intezet Balneologizi Kutato Intezete.
(THYROID GLAND metab.)
(HYPOPHYSECTOMY eff.)
(IODINE metab.)

MEDVECZKY, Endre; VEKERDI, Laszlo, dr.; FOLDES, Istvan, dr.; LEVENDEL, Laszlo, dr.

Production of I^{131}-labeled purified tuberculin. Tuberkulozis 12 no.10:217-218 O '59.

1. Az Orszagos Onkopathologiai Kutato Intezet (igazgato: Kellner Bela dr. akademikus) es az Orszagos Koranyi Tbc. Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozlemenye.
(IODINE radioactive)

FOLDES, Istvan, dr.; LEVENDEL, Laszlo, dr.; VEKERDI, Laszlo, dr.; MEDVECZKY, Endre.

Studies on normal and tuberculous guinea pigs with I^{131}-labeled purified tuberculin. Tuberkulozis 12 no.10:219-222 O '59.

1. Az Orszagos Onkopathologiai Kutato Intezet (igazgato: Kellner Bela dr. akademikus) es az Orszagos Koranyi Tbc. Intezet (igazgato: Boszormenyi Miklos dr. kandidatus; tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozlemenye.
(TUBERCULIN metab)

FOLDES, Istvan, dr.; LEVENDEL, Laszlo, dr.; MEDVECZKY, Endre; TOPERCZER, Johanna, dr.; VEKERDI, Laszlo, dr.

Excretion in the urine of I-131-labeled tuberculin. Tuberkulozis 14 no.3:65-67 Mr '61.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus es az Onkopathologiai Kutato Intezet (igazgato: Kellner Bela dr. akademikus) kozlemenye.

(TUBERCULIN urine)

FOLDES, Istvan, dr.; TOMCSANYI, Attila, MEDVECZKY, Endre; SCHWEIGER, Otto, dr.; TOPERCZER, Johanna, dr.; VEKERDI, Laszlo, dr.

Linkage of purified I-131 labeled tuberculin to peritoneal exudates in guinea pugs and rats. Tuberkulozis 14 no.7:203-206 Jl '61.

1. Az Orszagos Koranyi Tbc Intezet (Igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) es az Onkopathologiai Kutato Intezet (Igazgato: Kellner Bela dr. az MTA lev. tagja) kozlemenye.

(TUBERCULIN metab)

SZANTO, Laszlo, dr.; FORGACS, Peter, dr.; LIGETINE, Reviczky Alice, dr.; VEKERDY, Laszlo, dr.; GYULAI, Arno, dr.

Study of antithyroid drugs by radioactive-paper chromatographic methods. Orv. hetil. 101 no.13:444-448 27 Mr '60.

1. Orszagos Reuma es Furdougyi Intezet, II. Belosztaly, Orszagos Balneologiai Kutato Intezet.
(IODINE radioactive)
(THYROID ANTAGONISTS pharmacol.)

VEKES, Janos [translator]

Communication by the American technical press on a Soviet technological process described in the above-mentioned article. Gepgyartastechn 2 no.4:141 Ap '62.

1. "Gepgyartastechnologia" szerkeszto bizottsagi tagja.

VEKES, Bertalan

Kani's method for frame calculations. Magy ep ipar 14 no.2:112-116 '65.

VEKES, J.

Technological documentary films.

p. 168 (Gep) Vol. 9, No. 5, July 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

VEKES, Janos

"Boring, lowering, attrition" by Lazarovits, Szentkuti. Reviewed by Janos Vekes. Gepgyartastechn 2 no.5:165 My '62.

1. "Gepgyartastechnologia" szerkeszto bizottsagi tagja.

FOTYEJEV, N.K. [Foteyev, N.K.]; VEKES, Janos [translator]

Punching tools with highly durable edges. Gepgyartastechn. 3 no.7: 262-269 Jl'63.

1. "Gepgyartastechnologia" szerkeszto bizottsagi tagja (for Vekes).

VEKES, Janos

"Machine elements" by Bosch. Reviewed by Janos Vekes.
Gepgyartastechn 4 no. 1:24 Ja '64.

1. Editorial board member," Gepgyartastechnologia."

VEKES, Janos

"Control of machine industry products" by Brendel, Solti.
Reviewed by Janos Vekes. Gepgyartatechn 4 no. 2:53 F '64.

1.Editorial board member, "Gepgyartastechnologia."

VEKES, Janos

Use of radial drilling machines. Gepgyartastechn 1 no.7:256-261 O '61.

1. Central Tool Factory, Budapest; Editorial board member, "Gepgyartastechnologica."

VEKES, Janos

Dr. Lajos Szeniczei; obituary. Jarmu mezo gep 7 no.2:33 '60.

PUSCHMANN, H. VEKES, Janos [translator]

Present state and the trend of the development concerning the automation of sheet working presses and the automatic devices. Gepgyartastechn 3 no.7: 270-280 Jl'63.

1. Institut fur Werkzeugmaschinen, Karl-Marx-Stadt (for Puschmann). 2. "Gepgyartastechnologia" szerkeszto bizottsagi tagja (for Vekes).

VEKES, J.

Production of complicated profile on plane-grinding machine; grinding of forms. p. 339 Vol. 9, No. 9 Sept. 1956. GEP. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1 January 1956.

VEKESSER, M. A. Cand Biol Sci -- (diss) "Data on the content of calcium, phosphorus, and iron in food products of local origin and in the food reserves of certain kindergartens of the city of Saratov." Saratov, 1958. 10 pp (Acad Med Sci USSR), 230 Copies (KL, 13-58, 94)

L 36535-66 EWT(d)/EWT(l)/EWT(m)/EWP(v)/T-2/EWP(k)/EWP(h)/EWP(l) IJP(c)

ACC NR: AT6001717 EM/JD/GD SOURCE CODE: UR/0000/65/000/000/0496/0504

AUTHOR: Vekesser, V. A.

ORG: none

TITLE: Specification of rotor unbalance limits for turbomachinery

SOURCE: Uravnoveshivaniye mashin i priborov (Balancing of machinery and instruments). Moscow, Izd-vo Mashinostroyeniye, 1965, 496-504

TOPIC TAGS: turbine rotor, rotor balance, turbine engine

ABSTRACT: The bending of a rotating rotor on its supports was calculated, based on the method of dynamic stiffness (A. N. Ogurechnikov. Dinamicheskiye zhestkosti vrashchayushchikhsya valov. Trudy MAI, vyp. 55, M., Oborongiz, 1956), in order to include this effect in specifying permissible rotor unbalances. The work was done at the Moscow Aviation Institute imen. Sergo Ordzhonikidze (Moskovskiy aviatsionnyy institut). Using the method of initial parameters, the elastic-inertial rotor characteristics are determined and the shape of the rotor elastic line is used to find the support reactions. The equations for the bending at points 1, 2, and 4 of the rotor (see Fig. 1)

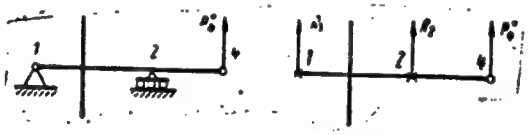


Fig. 1. Rotor support geometry.

Card 1/2

ACC NR: AT6001717

are derived in the form

$$\left.\begin{aligned} Y_1 &= \frac{R_1}{P_1} + \frac{R_2}{P_{12}} + \frac{P_4^*}{P_{14}} = 0; \\ Y_{12} &= \frac{R_1}{P_{12}} + \frac{R_2}{P_2} + \frac{P_4^*}{P_{24}} = 0; \\ Y_4 &= \frac{R_1}{P_{14}} + \frac{R_2}{P_{24}} + \frac{P_4^*}{P_4} = 1. \end{aligned}\right\}$$

(where the P's and R's are complicated functions). These equations can be solved for the support reaction forces as well as for P_4^* (dynamic stiffness). Sample curves of permissible unbalance as a function of speed are presented (including bending of the rotor) for the chosen support geometry (Fig. 1). Orig. art. has: 21 formulas, 5 figures, and 2 tables.

SUB CODE: 21/ SUBM DATE: 04Sep65/ ORIG REF: 003

Card 2/2 MLP

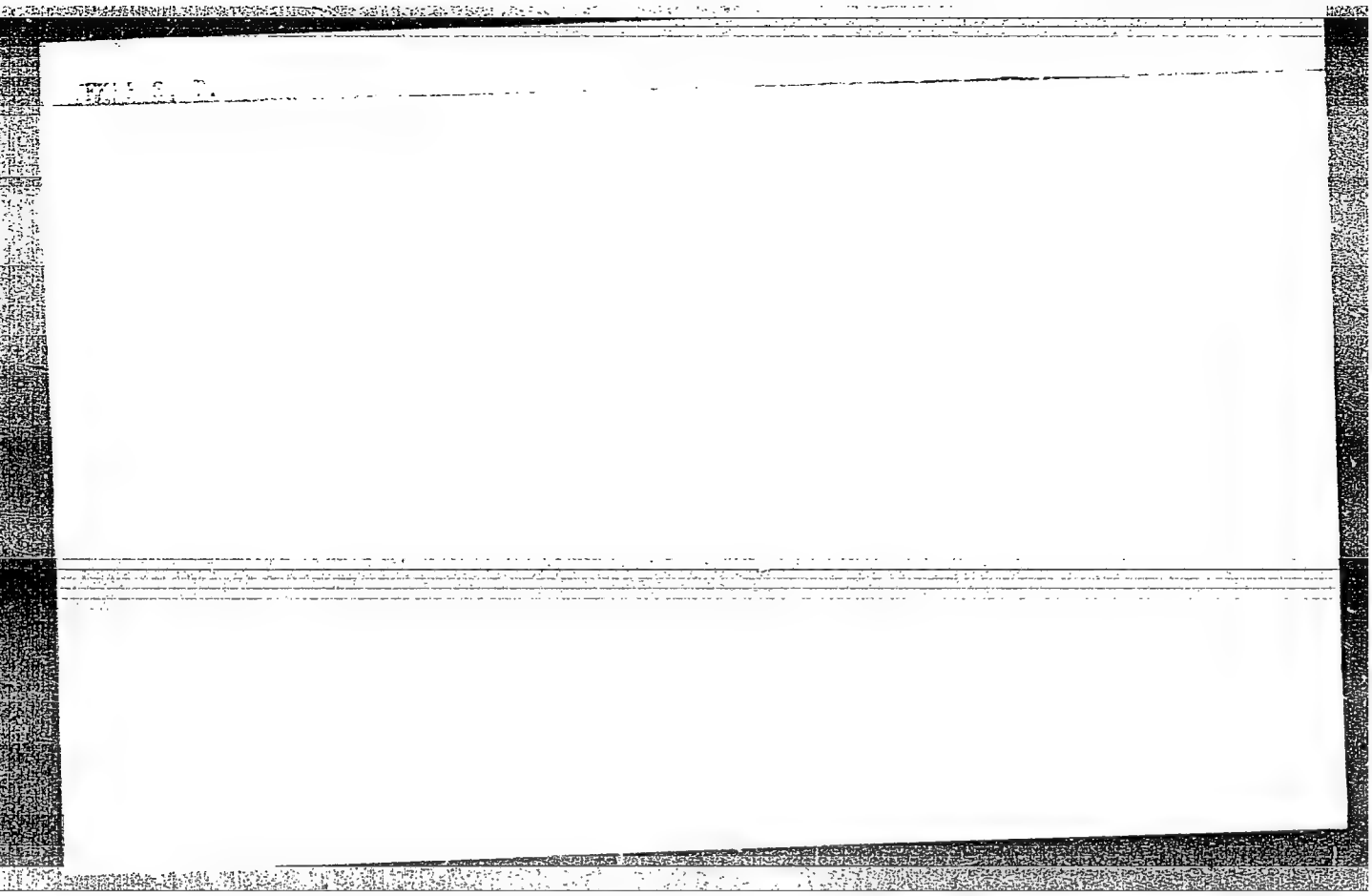
VEKHA, I.D.; MESHCHANIN, V.G.

The output has been doubled. Mashinostroitel' no.6:16 Je '61. (MIRA 14:6)
(Zaporozh'ye--Metalwork)

VEKHACHE, D. K.

Primeneniye pianimetra k vychisleniyu mnogokratnykh integralov i k integrirovaniyu differentsial'nykh uravneniy s chastnymi proizvodnymi. Zh. Geodezist, 1 (1930), 32.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevskiy, P.K.
Moscow-Leningrad, 1948



L [illegible]

ACCESSION NR: AP5012[illegible]

AUTHOR: Vekhter, B. G.; Bersuker, I. B.

TITLE: Anomalies of specific heat and thermal conductivity in complex crystals

SOURCE: Fizika tverdogo tela, v. [illegible], 1965, [illegible]

TOPIC TAGS: specific heat, thermal conductivity, intermolecular complex, crystal property, phonon

ABSTRACT: The authors consider [illegible] temperature singularities in the specific heat and [illegible]

[illegible]

the sum of the two). The presence of [illegible]

Card 1/2

L 65147-65

ACCESSION NR: AP5012583

the mean free path of the phonons, which in turn decreases the coefficient of the
mal conductivity, which should exhibit a minimum at a temperature equal

ASSOCIATION: Akademiya nauk SSSR [illegible] Academy of Sciences SSSR.

SUBMITTED: 22Dec64 ENCL: 00 SUB CODE:

NR REF SOV: [illegible]

Card 2/2

VEKHILOV, SH. I.

Differential Equations, Partial Differential Equations (1665)
Izv. AN Azerb. SSR, No 4, 1953, pp 3-25
Vekhilov, Sh. I.
"A Boundary Problem in the Theory of Newton Potential"
Examines the problem of defining a function which will be continuous and harmonic within a region such that it will assume specified values in the region and such that its normal derivative will satisfy certain specified conditions. Proves that the problem is always soluble and that the solution is always unique.

SO: Referativnyy Zhurnal--Matematika, No 1, Jan 54; SO: (W-30785, 28 July 1954)

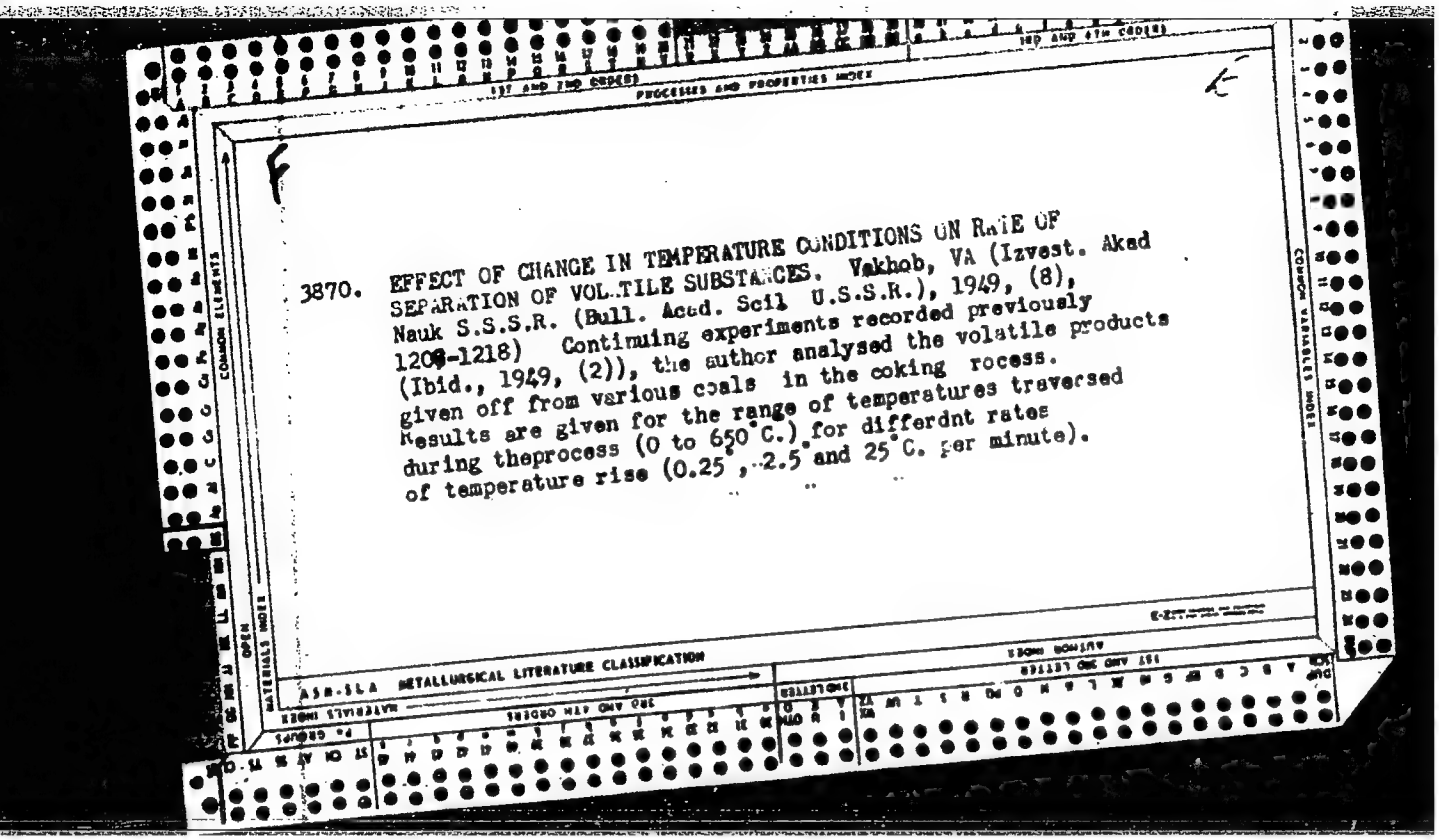
ISKHAKOVA, L.A., VEKHNOVSKIY, G.L.

Use of the G.S. Maksimov sedimentation reaction in examining cerebrospinal fluid. [with summary in English]. Vest.derm. i ven. 32 no.5:37-39 S-O '58 (MIRA 11:11)

1. Iz Ufimskogo kozhno-venerologicheskogo instituta i serologicheskoy laboratorii Ufimskogo gorzdravotdela (nauchnyy rukovoditel - zav. kafedroy kozhnykh i venericheskikh bolezney Bashkirskogo meditsinskogo instituta prof. G.S. Maksimov).

(NEUROSYPHILIS, cerebrospinal fluid in sedimentation reaction, Maksimov technic (Rus))

(CEREBROSPINAL FLUID, in various dis. neurosyphilis, sedimentation reaction, Maksimov technic (Rus))



3870. EFFECT OF CHANGE IN TEMPERATURE CONDITIONS ON RATE OF SEPARATION OF VOLATILE SUBSTANCES. Vakhob, VA (Izvest. Akad Nauk S.S.S.R. (Bull. Acad. Scil U.S.S.R.), 1949, (8), 1209-1218) Continuing experiments recorded previously (Ibid., 1949, (2)), the author analysed the volatile products given off from various coals in the coking rocess. Results are given for the range of temperatures traversed during theprocess (0 to 650°C.) for differdnt rates of temperature rise (0.25°, 2.5° and 25°C. per minute).

VEKHOTKO, T. I.

VEKHOTKO, T.I.; MOISEYEV, A.S.

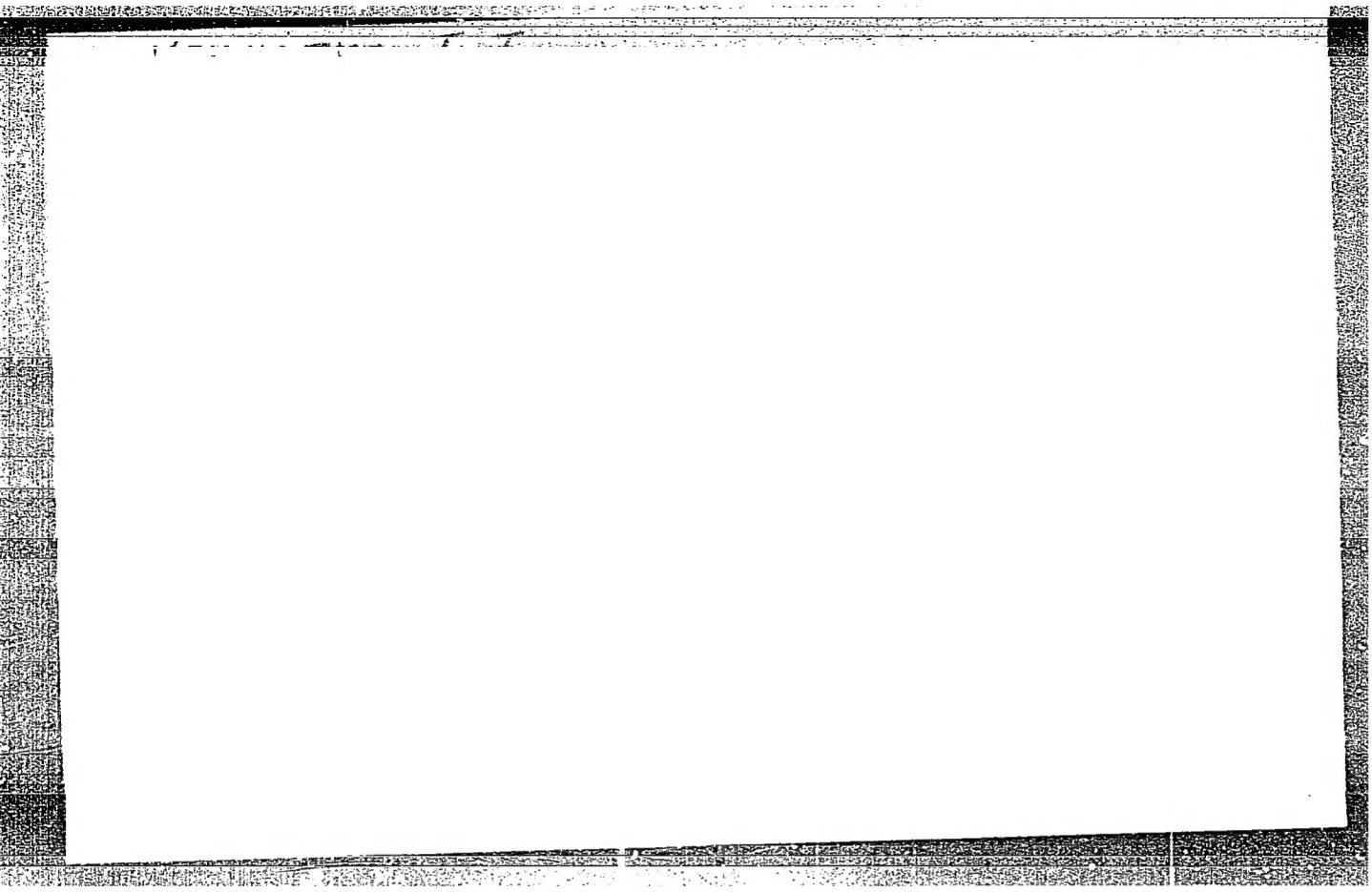
Purification of glycerol waters by means of ionites. Zhur.prikl.khim. 29 no.8:1203-1209 Ag '56. (MIRA 10:10)

1.Laboratoriya tekhnologii vody Vsesoyuznogo nauchno-issledovatel'skogo instituta gidroliznoy i sul'fitno-spirtovoy promyshlennosti.
(Glycerol) (Ion exchange)

VEKHOTO, T. I.

No. 37369--Raspad bikarbonatov kal'tsiya i magniya pri nagrevanii vodnykh rastvorov. sbornik trudov (nauch.-issled. in-t po osnovaniyam i fundamentam, leningr. otd-nie), No.1, 1949, s. 82-88.

So: Letopis' Zhurnel'nykk Statey, Vol. 7, 1949.



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859230007-6"

VEKHOTKO, T. I.

T. I. Vekhotko, The removal of iron and manganese from water solutions. P. 1282.

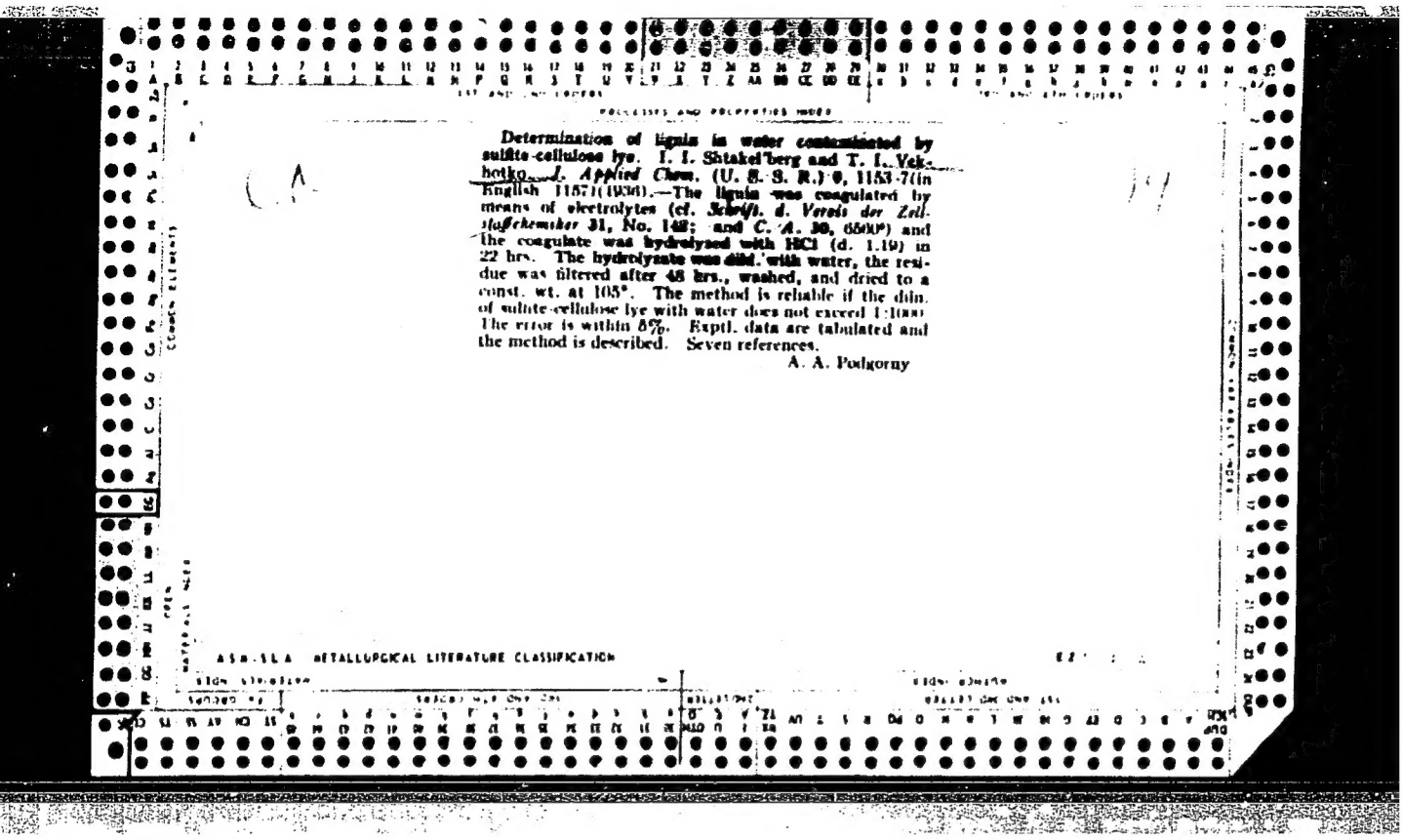
It has been established that on coagulation of natural water with aluminum sulfate there occurs practically full precipitation of iron, but not of manganese. Precipitation of manganese can be achieved either at coagulation of the water by Ferri-compounds at pH value of 8.5 - 9, or by filtration of the water or water solutions of salts of bi-valent manganese through organic Na-permutites.

August 30 1947

SO: Journal of Applied Chemistry (USSR) 21, No. 12 (1948)

SHALTYKO, G.Ye.; VEKHOTKO, T.I.; SHAROBAYKO, T.N., red.

[High polymer compounds; a manual] Vysokopolimernye soedineniia; uchebnoe posobie. Leningrad, In-t inzhenerov zheldor.transp., 1961. 54 p. (MIRA 15:5)
(Polymers)



Determination of lignin in water contaminated by sulfite-cellulose lye. I. I. Shtakel'berg and T. I. Vekhotko. *J. Applied Chem.* (U. S. S. R.) 9, 1153-7(in English 1157)(1936).—The lignin was coagulated by means of electrolytes (cf. *Schrift. d. Vereis der Zellstoffchemiker* 31, No. 148; and *C. A.* 30, 6590[9]) and the coagulate was hydrolyzed with HCl (d. 1.19) in 22 hrs. The hydrolyzate was dild. with water, the residue was filtered after 48 hrs., washed, and dried to a const. wt. at 105°. The method is reliable if the dilu. of sulfite-cellulose lye with water does not exceed 1:1000. The error is within 5%. Expti. data are tabulated and the method is described. Seven references.

A. A. Podgorny